

10972 U.S. PTO
09/780057



34P	Class	Subclass	ISSUE CLASSIFICATION

P SV

PATENT NUMBER
8580483
6580483

U.S. UTILITY Patent Application

SCANNED	O.I.P.E.	PATENT DATE
8/4/02	AA	JUN 17 2003

5C3 857

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/720057	D	348	558	2613	Harvey

APPLICANTS

TITLE

PTO-2040
12/99

ISSUING CLASSIFICATION							
ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
348	558	348	700				
INTERNATIONAL CLASSIFICATION							
ND 4 D	5/14						

4.2.03

Form 13 shts) set L

5.17.01

<input type="checkbox"/> TERMINAL DISCLAIMER <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	13	55	13	4	1
	(Assistant Examiner) _____ (Date) _____			NOTICE OF ALLOWANCE MAILED	
DAVID E. HARVEY PRIMARY EXAMINER			ISSUE FEE		
D.E. Harvey (Primary Examiner) _____ (Date) 12/9/02			Amount Due \$640.00 Date Paid 3-6-03		
J. Douglas (Legal Instruments Examiner) _____ (Date) 1/9/02			ISSUE BATCH NUMBER		

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

35 3581E

ISSUE AND IN FILE

(FACE)

2

PATENT NUMBER		ORIGINAL CLASSIFICATION	
		CLASS	SUBCLASS
		348	558
APPLICATION SERIAL NUMBER		CROSS REFERENCE(S)	
09/780057			
APPLICANT'S NAME (PLEASE PRINT)		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
Swartz		348	700
IF REISSUE, ORIGINAL PATENT NUMBER			
INTERNATIONAL CLASSIFICATION			
H04N		5/14	
GROUP ART UNIT		ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)	
2618			
PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)		David E. McGee	
PTO 270 (REV. 5-91)		U.S. DEPARTMENT PATENT AND	
ISSUE CLASSIFICATION SLIP			